

## National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9M48 Case 45299 Contract EPW09036 Region 6 DDTID 216765 SOW ISM01.3

### *Data Review Reports*

Blanks

Blanks	Hg
NCB05	The following samples have no detected analytes. The associated ICB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M58, MF9M65, MF9M68
	Mercury MF9M58 , MF9M65 , MF9M68
Blanks	Hg
NCB06	The following samples have no detected analytes. The associated CCB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M58, MF9M65, MF9M68
	Mercury MF9M58 , MF9M65 , MF9M68
Blanks	Hg
ND15	The following samples have analyte results greater than or equal to MDLs. The associated ICB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M48, MF9M48D, MF9M48S, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M66, MF9M67
	Mercury MF9M48 , MF9M48D , MF9M48S , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M66 , MF9M67
Blanks	Hg
ND16	The following samples have analyte results greater than or equal to MDLs. The associated CCB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M48, MF9M48D, MF9M48S, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M66, MF9M67
	Mercury MF9M48 , MF9M48D , MF9M48S , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M66 , MF9M67

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Blanks

Blanks	<b>ICP_AES</b>
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Sodium PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
Blanks	<b>ICP_AES</b>
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs. PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Sodium PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Potassium PBS, MF9M48L, MF9M64
Blanks	<b>ICP_AES</b>
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS
	Sodium LCS
Blanks	<b>ICP_AES</b>
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M65, MF9M67, MF9M48S, MF9M64, MF9M66, MF9M68, MF9M48A
	Sodium LCS
	Potassium LCS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M65, MF9M67
	Manganese LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68, MF9M48A
Blanks	<b>ICP_AES</b>
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. MF9M48, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Sodium MF9M48, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Potassium MF9M64

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### *Data Review Reports*

#### Blanks

Blanks	ICP_AES
Blanks	ICP_AES
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS, MF9M48, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Sodium LCS
	Calcium LCS , MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Potassium LCS , MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M65 , MF9M66 , MF9M67 , MF9M68

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Blanks

Blanks	<b>ICP_MS</b>
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. PBS, MF9M48L, MF9M48, MF9M48D, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68 Cobalt PBS , MF9M48L Antimony PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Thallium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Cadmium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Silver PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
Blanks	<b>ICP_MS</b>
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs. PBS, MF9M48L, MF9M48, MF9M48D, MF9M49, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M66, MF9M67, MF9M68, MF9M50, MF9M58, MF9M62, MF9M63, MF9M64, MF9M65 Vanadium PBS Chromium PBS Cobalt PBS , MF9M48L Barium PBS Nickel PBS Beryllium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M66 , MF9M67 , MF9M68 Antimony PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Thallium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Cadmium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Copper PBS , MF9M48L Silver PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68 Lead PBS
Blanks	<b>ICP_MS</b>
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional

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Blanks

Blanks	ICP_MS
	judgment to qualified detected and nondetected analytes.
	LCS, MF9M48, MF9M48S, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68, MF9M48A
	Cobalt LCS, MF9M48, MF9M48S, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Antimony LCS, MF9M48S, MF9M48A
	Thallium LCS, MF9M48S
	Cadmium LCS, MF9M48S
	Silver LCS, MF9M48S
Blanks	ICP_MS
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68, MF9M48A
	Vanadium LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Chromium LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Cobalt LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Barium LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Nickel LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Beryllium LCS, MF9M48S, MF9M50, MF9M62, MF9M63, MF9M64
	Antimony LCS, MF9M48S, MF9M48A
	Thallium LCS, MF9M48S
	Cadmium LCS, MF9M48S
	Copper LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Silver LCS, MF9M48S
	Lead LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
Blanks	ICP_MS
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.

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Blanks

Blanks	ICP_MS
	MF9M48, MF9M48D, MF9M49, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M66, MF9M67, MF9M68, MF9M50, MF9M58, MF9M62, MF9M63, MF9M64, MF9M65
	Beryllium MF9M48 , MF9M48D , MF9M49 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M66 , MF9M67 , MF9M68
	Antimony MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Thallium MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Cadmium MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Silver MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
Blanks	ICP_MS
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS, MF9M48, MF9M48S, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68, MF9M48A
	Vanadium LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Chromium LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Nickel LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Copper LCS , MF9M48 , MF9M48S , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Lead LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Barium LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Cobalt LCS , MF9M48 , MF9M48S , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Zinc LCS , MF9M48 , MF9M48S , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Beryllium LCS , MF9M48S , MF9M50 , MF9M58 , MF9M62 , MF9M63 , MF9M64 , MF9M65
	Antimony LCS , MF9M48S , MF9M48A
	Cadmium LCS , MF9M48S
	Thallium LCS , MF9M48S
	Silver LCS , MF9M48S

**National Functional Guidelines Report #03**

**Lab** DATA(ALS Environmental)    **SDG** MF9M48    **Case** 45299    **Contract** EPW09036    **Region** 6    **DDTID** 216765    **SOW** ISM01.3

***Data Review Reports***

## Detection Limit

Detection Limit	Hg
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF9M48, MF9M48D, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M66, MF9M67
	Mercury MF9M48 , MF9M48D , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M66 , MF9M67

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## Detection Limit

Detection Limit	ICP_AES
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J. PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Sodium PBS, MF9M48, MF9M48D, MF9M48L, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Calcium PBS, MF9M48L
	Potassium PBS, MF9M48L, MF9M64
	Magnesium MF9M48L, MF9M68

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#### Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	PBS, MF9M48L, MF9M49, MF9M54, MF9M55, MF9M58, MF9M63, MF9M64, MF9M48, MF9M48D, MF9M51, MF9M52, MF9M56, MF9M57, MF9M59, MF9M60, MF9M61, MF9M66, MF9M67, MF9M68, MF9M50, MF9M62, MF9M65
	Vanadium PBS
	Arsenic MF9M48L
	Chromium PBS
	Nickel PBS
	Copper PBS , MF9M48L
	Lead PBS
	Selenium MF9M49 , MF9M54 , MF9M55 , MF9M58 , MF9M63 , MF9M64
	Barium PBS
	Cobalt PBS , MF9M48L
	Zinc PBS
	Beryllium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M66 , MF9M67 , MF9M68
	Antimony PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Cadmium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Thallium PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68
	Silver PBS , MF9M48 , MF9M48D , MF9M48L , MF9M49 , MF9M50 , MF9M51 , MF9M52 , MF9M54 , MF9M55 , MF9M56 , MF9M57 , MF9M58 , MF9M59 , MF9M60 , MF9M61 , MF9M62 , MF9M63 , MF9M64 , MF9M65 , MF9M66 , MF9M67 , MF9M68

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#### Matrix Spikes

Matrix Spikes	ICP_AES
NG14	The following Matrix Spike samples have percent recoveries greater than 125% and post-digestion spike samples have percent recoveries less than or equal to 125%. Detected analytes with results greater than or equal to MDLs are qualified. Nondetected analytes are not qualified.
	MF9M48, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
Manganese	MF9M48S

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#### Matrix Spikes

Matrix Spikes	ICP_MS
NG08	The following Matrix Spike samples have percent recoveries less than 30% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are qualified UJ.
	MF9M48, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Antimony MF9M48S

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#### Serial Dilution

Serial Dilution	ICP_MS
NL032	The following ICP-MS Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified U. MF9M48, MF9M49, MF9M50, MF9M51, MF9M52, MF9M54, MF9M55, MF9M56, MF9M57, MF9M58, MF9M59, MF9M60, MF9M61, MF9M62, MF9M63, MF9M64, MF9M65, MF9M66, MF9M67, MF9M68
	Zinc MF9M48L